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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/781580	
	Filing Date	02/18/2004	
	First Named Inventor	Russell T. Nakano	
	Art Unit	not known	
	Examiner Name	not known	
Total Number of Pages in This Submission	63	Attorney Docket Number	112003.P002

ENCLOSURES (Check all that apply)		
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Remarks Page 1 - this page. Page 2&3 - Information Disclosure Statement under 37 CFR 1.97 Pages 4 - SB08 Pages 5 - 63 IDS References Email communication authorized to customer number 40418.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Alan Heimlich, Esq. / PTO Reg. 48808	
Signature	 Digitally signed by Alan Heimlich DN: CN = Alan Heimlich, C = US, O = Heimlich Law	
Date	12/15/2005	

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Alan Heimlich		
Signature	 Digitally signed by Alan Heimlich DN: CN = Alan Heimlich, C = US, O = Heimlich Law	Date	12/15/2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/781580
Applicant : Russell T. Nakano
Filed : 02/18/2004
TC/A.U. : not known
Examiner : not known
Confirmation No. : 3059

Docket No. : 112003.P002

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of an Information Disclosure Statement by Applicant ("IDS") (Form PTO/SB/08A and 08B as required) together with copies of the cited documents. It is respectfully requested that the cited documents be considered by the Examiner and the IDS be initialed by the Examiner to indicate such consideration and that a copy of such be returned to Applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this IDS is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this IDS is material to patentability. This IDS is being submitted under:

37 C.F.R. §1.97(b)

- ☐ (1) – i.e. within 3 mo of filing date of national ap (other than under 1.53(d))
- ☐ (2) – i.e. within 3 mo of date of entry in national stage (international ap 1.491)
- ☒ (3) – i.e. before mailing of first Office Action on the merits
- ☐ (4) – i.e. before mailing of first Office Action after filing RCE under 1.114

37 C.F.R. §1.97(c) – i.e. after time period of 1.97(b) and before an action closing prosecution (mailing date of final action 1.113, NOA 1.311, etc.) and is accompanied by:

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- ☐ (1) – one of the statements of 1.97(e) below; OR
- ☐ (2) – the fee set forth in 1.17(p) and enclosed.

37 C.F.R. §1.97(d) – i.e. after time period of 1.97(c) and IDS is filed on or before issue fee and is accompanied by:

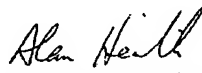
- ☐ (1) – one of the statements of 1.97(e) below; AND (2) – the fee set forth in 1.17(p) and enclosed.

37 C.F.R. §1.97(e) statement:

- ☐ (1) That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
- ☐ (2) That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Respectfully submitted,

Dated: 12/15/2005

 Digitally signed by Alan Heimlich
DN: CN = Alan Heimlich, C = US, O = Heimlich Law

Alan Heimlich / Reg. No. 48808
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/781580
Filing Date	02/18/2004
First Named Inventor	Russell T. Nakano
Art Unit	not known
Examiner Name	not known
Attorney Docket Number	112003.P002

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of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		LI Y H ET AL : "Classification of text documents", COMPUTER JOURNAL, OXFORD UNIVERSITY PRESS, OURREY, CD, vol . 41, no . 0, 1990, pages 537-546, XP002116464 ISSN : 0010-4620 paragraph '05 .31	
		FURNAS G W ED - CHIAMARELLA Y ASSOCIATION FOR COMPUTING MACHINERY : "INFORMATION RETRIEVAL USING A SINGULAR VALUED COMPOSITION MODEL OF LATENT SEMANTIC STRUCTURE" PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON RESEARCH AND DEVELOPMENT IN INFORMATION RETRIEVAL . (SIGIR) . GRENOBLE, JUNE 13 - 15, 1998, NEW YORK, ACM, U.S, vol . CONF . 11, 13 June 1998 (1998-06-13), pages 465-486, XP000295052 paragraph '02 .31 - paragraph '02 .41	
		NICHOLAS C ET AL : "Spotting topics with the singular value decomposition" PRINCIPLES OF DIGITAL DOCUMENT PROCESSING . 4TH INTERNATIONAL WORKSHOP, PODDP'98 . PROCEEDINGS SPRINGER-VERLAG BERLIN, GERMANY, 29 March 1998 (1998-03-29), pages 82-91, XP008045764 ISBN : 3-540-65086-5 the whole document	
		BELLEGRADA J R : "Exploiting Latent Semantic Information in Statistical Language Modeling" PROCEEDINGS OF THE IEEE, IEEE . NEW YORK, US, vol . 88, no . 8, August 2000 (2000-08), pages 1279-1296, XP002219343 ISSN : 0018-9219 the whole document	
		BELLEGRADA J R ED - EUROPEAN SPEECH COMMUNICATION ASSOCIATION (ESCA) : "A LATENT SEMANTIC ANALYSIS FRAMEWORK FOR LARGE-SPAN LANGUAGE MODELING" 5TH EUROPEAN CONFERENCE ON SPEECH COMMUNICATION AND TECHNOLOGY . EUROSPEECH '97, RHODES, GREECE, SEPT . 22 - 25, 1997, EUROPEAN CONFERENCE ON SPEECH COMMUNICATION AND TECHNOLOGY . (EUROSPEECH), GRENOBLE : ESCA, FR, vol . VOL . 3 OF 5, 22 September 1997 (1997-09-22), pages 1451-1454, XP001045006 the whole document	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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